

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference YY8056	FOR FURTHER ACTION		See Form PCT/IPEA/416
International application No. PCT/JP 03 /15855	International filing date (day/month/year) 11.12.2003	Priority date (day/month/year) 13.12.2002	
International Patent Classification (IPC) or national classification and IPC Int.Cl. G02F1/13363, G02F1/1335, G02F1/139, G02B5/30			
Applicant FUJI PHOTO FILM CO., LTD.			

1.	This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2.	This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.
3.	This report is also accompanied by ANNEXES, comprising: <div style="margin-left: 20px;"> a. <input type="checkbox"/> a total of _____ sheets, as follows: <div style="margin-left: 20px;"> <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <div style="margin-left: 20px;"> <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. </div> </div> </div>
b.	<input type="checkbox"/> a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4.	This report contains indications relating to the following items: <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application </div>

Date of submission of the demand 05.07.2004	Date of completion of this report 21.02.2005	
Name and mailing address of the IPEA/JP Japan Patent Office 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized officer MASATO MIGITA	2X
	Telephone No. +81-3-3581-1101 Ext. 3255	9513

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP 03 /15855

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the claims:
- pages _____ as originally filed/furnished
- pages* _____ as amended (together with any statement) under Article 19
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ the drawings:
- pages _____ as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	<u>1 - 23</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>5, 17</u>	YES
	Claims	<u>1 - 4, 6 - 16, 18 - 23</u>	NO
Industrial applicability (IA)	Claims	<u>1 - 23</u>	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

D1:JP 2002-182215 A(FUJI PHOTO FILM CO.,LTD.)2002.06.26,whole document
D2:JP 2002-182036 A(FUJITSU CO.,LTD.)2002.06.26,whole document
D3:JP 2002-328228 A(FUJI PHOTO FILM CO.,LTD.)2002.11.15,whole document
D4:JP 11-160505 A(DAINIPPON INSATSU CO.,LTD.)1999.06.18,whole document
D5:JP 7-325203 A(DAINIPPON INSATSU CO.,LTD.)1995.12.12,whole document
D6:JP 2002-107750 A(MATSUSHITA DENKISANGYOU CO.,LTD.) 2002.04.10, paragraph 30
D7:JP 10-20105 A(NIHON KAYAKU CO.,LTD.)1998.01.23,whole document
D8:JP 11-231318 A(SHICHIZUN TOKEI CO.,LTD.)1999.08.27,whole document
D9:JP 2001-318378 A(MATSUSHITA DENKISANGYOU CO.,LTD.)2001.11.16,whole document

The subject matter of claim 1-4,6-7,9 does not involve an inventive step over D1,D3 for the following reasons.The person skilled in the art would easily conceive the idea of applying the technical feature a light-diffusing layer on a protective film employed in D3 to the invention disclosed in D1.

The subject matter of claim 13-16,18,20 does not involve an inventive step over D1,D2, D3 for the following reasons.The person skilled in the art would easily conceive the idea of applying the technical feature VA mode employed in D2 to the invention disclosed in D1.

The subject matter of claim 8 does not involve an inventive step over D1,D3,D7,D8 for the following reasons.And the subject matter of claim 19 does not involve an inventive step over D1,D2,D3,D7,D8 for the following reasons.The person skilled in the art would easily conceive the idea of applying the technical feature fine particles have a size distribution having at least two peaks employed in D7,D8 to the invention disclosed in D1.

The subject matter of claim 10 does not involve an inventive step over D1,D3,D4,D5,D6 for the following reasons.And the subject matter of claim 19 does not involve an inventive step over D1,D2,D3,D4,D5,D6 for the following reasons.The person skilled in the art would easily conceive the idea of applying the technical feature a low-refractive index layer on a light-diffusing layer employed in D4,D5 and a low-refractive index layer have refractive index of 1.35 to 1.45 employed in D6 to the invention disclosed in D1.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of: **V**

The subject matter of claim 11-12 does not involve an inventive step over D1,D3,D9 for the following reasons. And the subject matter of claim 22-23 does not involve an inventive step over D1,D2,D3,D9 for the following reasons. The person skilled in the art would easily conceive the idea of applying the technical feature a light-diffusing layer approximate a LCD cell in order to the LCD become more clearly employed in D9 to the invention disclosed in D1.

The subject matter of claim 5,17 is neither disclosed in any of the documents cited in the ISR nor obvious to a person skilled in the art.